

## Mapping Between Common Criteria Artifacts to FAA System Engineering Lifecycle Documentation Requirements

CC Artifact	DID	FAA System Engineering Lifecycle Document
<b>Protection Profile</b>	N/A – this is included in the RFP (SIR)	Security Requirements Specification
<b>Security Target</b> - Section 6  - Sections 2, 3, and 4	F019	- Architecture - Interface Control Document - Concept of Operations
<b>Configuration Management Documentation (ACM)</b> - Configuration Management Plan - Configuration List - Configuration Management System	F001	- Configuration Management Plan - Configuration List
<b>System Development Documentation</b> - Functional Specification (ADV_FSP)	F004	- Functional Requirements Document
- High-level Design (ADV_HLD)	F005	- System Design Document
- Requirements Traceability (ADV_RCR)	F006	- Requirements Traceability Matrix
- Security Policy Model (ADV_SPM)	F007	- part of System Design Document
<b>Guidance Documents</b> - Administrator (AGD_ADM)	F008	- User Manual – Administrator
- User (AGD_USR)	F009	- User Manual – End User
<b>Lifecycle Support Documentation</b> - Development security documentation (ALC_DVS)	F023	- Information System Security Plan
- Flaw remediation procedures (ALC_FLR)	F024	- Information System Security Plan
<b>Testing Documentation</b> - Test coverage analysis (ATE_COV)	F010	- part of tests analysis report
- Test depth analysis (ATE_DPT)	F020	- part of test analysis report

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- Functional test plan, procedures, and results (ATE_FUN)	F011	- Test plan, test procedures, test results, and test analysis report
- Independent testing results (ATE_IND)	F012	- Test plan, test procedures, test results, and test analysis report
<b>Vulnerability Assessment</b> - Covert channel analysis (AVA_CCA) -	F022	- Risk assessment
Misuse analysis (AVA_MSU)	F021	- Risk assessment
- Strength of function analysis (AVA_SOF)	F013	- Risk assessment
- Vulnerability mitigation analysis (AVA_VLA)	F014	- Risk assessment
<b>Assurance Maintenance Plan</b> (AMA_AMP)	F015	- Maintenance Plan - Quality Assurance Plan
<b>Component Categorization Report</b> (AMA_CAT) - Prioritization of system components in terms of their relevance to security	F016	- part of Information System Security Plan
<b>Assurance Evidence</b> (AMA_EVD) - proof that procedures in AM plan are being followed - proof that vulnerabilities detected in the operational environment have been mitigated	F017	- proof that procedures in the QA and maintenance plans are being followed - proof that vulnerabilities detected in the operational environment have been mitigated
<b>Security Impact Analysis</b> (AMA_SIA)	F018	- Engineering Change Proposal
<b>Delivery and Operation</b> - Delivery procedures (ADV_DEL)	F002	- Implementation Plan
- Installation, generation, and start-up procedures (ADO_IGS)	F003	- Implementation Plan
		Contingency and Disaster Recovery Plan
		Site Survey Plan
		System Decommissioning and Disposal Plan
		Training Plan and Materials